

Summary

Disclosed is a DC/AC converter having two DC voltage connections (1,2), between which are provided in a parallel circuit configuration, an intermediate energy storage (C_1) and a bridge circuit providing at least two parallel branches, each providing two in-series-connected switch units (A,B and C,D), to each of which a rectifier diode (DA,DB,DC DD) is connected in parallel, and having at least two AC connections, of which each single one is connected via a connecting line, in each of which an inductor (L_1 respectively L_2) is provided, to one of the parallel branches of said bridge circuit between two the switch units (A,B respectively C,D) via one connecting node.

The invention is distinguished by between at least two connecting lines, two separate electrical connecting paths being provided, in each of which a switch (E respectively F) and an in-series-switched rectifier diode (DE respectively DF) are provided, and by the rectifier diodes (DE,DF) in the single connecting paths being switched to each other in opposite conducting direction.